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In re Application of: Sean Boerner

Group Art Unit: 3628

Serial No: 09/815,360

Filed: 3/22/2001

Examiner: Nguyen, Nga B

For: Method and System to Identify Discrete Trends in Time Series

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Commissioner of Patents and Trademarks

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### **RESPONSE TO FINAL OFFICE ACTION**

In response to the Office Action mailed February 11, 2008 applicant respectfully submits the following responses.

1. Applicant respectfully traverses the rejection of claims 1-26 as being anticipated by Gatto (U.S. Patent No. 7,167,838) The claims have been amended to more specifically recite elements of the current invention.
2. An object of the current patent application is designing trends (the heavy lines defined by the symbol labeled "Final Trend Line" in FIG. 7) that will best fit the data values (the light line labeled "Close"). In the FIG. 7 example, the trends are second order polynomials, but the specification refers to a variety of mathematical functions that can be used to fit the data. In general, the claims refer to these trends as "best fit curves".